

# Species Datasheet

Datasheet No. P-030.007.002  
(family.genus.species)

DBT- Network Programme

## 1.Taxon:

**Species:** *Cheilanthes anceps* Blanf.

Subspecies:

Variety:

Cultivar

Hybrid

Image file

## 2. Synonyms:

*Aleuritopteris anceps* (Blanf.) Panigrahi

*Aleuritopteris farinosa* var. *anceps* (Blanf.) Ching

*Cheilanthes farinosa* var. *anceps* (Blanf.) Blanf.

## 3.Systematic Position:

### Christenhusz 2011

- Class: Equisetopsida C.Agardh
- Subclass: Polypodiidae Cronquist, Takht. & Zimmerm.
- Order: Polypodiales Link.
- Family: Pteridaceae E.D.M. Kirchn
- Subfamily: Cheilanthoideae W.C. Shieh
- Genus: *Cheilanthes* Sw.
- Species: *Cheilanthes anceps* Blanf.
- Subspecies:

## 4.Distribution:

**Global:** China (Fujian, Guangdong, Guangxi, Guizhou, Hunan, Jiangxi, Sichuan, Yunnan, Zhejiang), Bhutan, India, Nepal, Pakistan

**India:** Western Himalayas

## 5.Indigenous/Exotic/Endemic;Cultivated/Wild:

**6.Threat Status:**

**IUCN:**

**BSI:**

**7.Habit and Habitat:** Rock crevices on slopes; 300-2600 m

**8.Life Form:**

**9.Economic Importance:**

**10. Probable Progenitor of:**

**11.DNA**

**C-value            Methodology**

**12.Basic chromosome number(s):** $x=29^8, 30^6, 8, 12, 13, 31$

**13. Zygotic chromosome number(s):**  $2n=58^8$

**14. Gametic chromosome number(s):** $n=30^6, 8, 12, 13, 31$

**15.Specialized chromosomes (B chromosomes/Sex chromosomes/Polytene chromosomes/Neocentric chromosomes):**

Image file

**16.Ploidy level:** Diploid (sexual)  $^6, 8, 12, 13, 31$

Image file

**17.Agametoploidy:**

**18.Nature of polyploidy (auto, segmental, allo, autoallo):**

**19.Genomic formula:**

**20.Aberrant chromosome number(s)(aneuploidy, aneusomaty, polysomaty):**

**21.Somatic chromosomes:**

**Karyotype**

**Chromosome size**

**NOR chromosome(s)**

**Degree of asymmetry**

Image file

**22. Banding pattern(s):**

Image file

**23.Physical mapping of chromosomes:**

**In situ hybridization**

Image file

**Fluorescent in situ hybridization:**

Image file

**24.Genomic in situ hybridization:**

Image file

**25. Linkage map:**

Image file

**26.Chromosome associations:**

**Female meiosis**

**Male meiosis** 30II 6, 8, 12, 13, 31

Image file

**27. Chromosome distribution at anaphase I:**

**28. Genetic diversity:**

**Chromosomal level**

Image file

**DNA level**

**29. Any other information (Apomixis; Inversion; Male sterility; Pollen grain mitosis; Pollen stainability; Translocation etc.):**